

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 Claim 1 (Currently amended) A mobile communication
2 terminal comprising:
3 an information managing portion; and
4 a nonvolatile storage medium managed by the
5 information managing portion and having a plurality of
6 memory areas each for storing a value of an information
7 item that is regularly accessed, wherein said information
8 managing portion stores one value of the information item
9 in one memory area and further wherein said information
10 managing portion subsequently stores an updated value of
11 the information item in a different memory area such that
12 the one value and the updated value are both concurrently
13 stored in the nonvolatile storage medium for some time
14 period,
15 wherein said information managing portion associates
16 a management number with each stored value of the
17 information item, with the management number indicating
18 an update of the stored value, wherein the information
19 managing portion utilizes the management number to select
20 the updated value of the information item stored in the
21 nonvolatile storage medium.

Claim 2 (Canceled)

1 Claim 3 (Previously presented) A mobile
2 communication terminal comprising:
3 an information managing portion;
4 a nonvolatile storage medium; and
5 a volatile storage medium, wherein the nonvolatile
6 storage medium and the volatile storage medium are both
7 managed by the information managing portion; and wherein
8 said information managing portion stores identical
9 information into the nonvolatile storage medium and the
10 volatile storage medium, and further wherein said
11 information managing portion then compares the identical
12 information stored in both the nonvolatile storing medium
13 and the volatile storage medium for consistency during an
14 initial state, and further wherein said information
15 managing portion retrieves the information stored in the
16 nonvolatile storage medium if the information stored in
17 the volatile storage medium is not consistent with the
18 information stored in the nonvolatile storage medium.

1 Claim 4 (Previously presented) A mobile
2 communication terminal as claimed in claim 3, wherein
3 said information managing portion checks for a normality
4 of the information by comparing with the information

5 stored in the nonvolatile storing medium unless a lack of
6 consistency of the information stored in the volatile
7 storing medium has occurred.

1 Claim 5 (Previously presented) A mobile
2 communication terminal as claimed in claim 4 , wherein
3 said information managing portion stores the identical
4 information into the nonvolatile storing medium and the
5 volatile storing medium at different times.

1 Claim 6 (Previously presented) A mobile
2 communication terminal as claimed in claim 3, wherein
3 said nonvolatile storage medium has a plurality of memory
4 areas each for storing a value of an information item,
5 and said information managing portion stores sequentially
6 the values of the information items into the plurality of
7 memory areas of the nonvolatile storing medium.

1 Claim 7 (Previously presented) A mobile
2 communication terminal as claimed in claim 3, wherein
3 said nonvolatile storage medium has a plurality of memory
4 areas each for storing a value of an information item,
5 and wherein said information managing portion attaches
6 management numbers indicating updated sequences to
7 information having a higher update frequency to the

8 nonvolatile storage medium, with the attaching occurring
9 at a the time of the updating of the information, and
10 further wherein said information managing portion decides
11 which updated sequences of information having the higher
12 update frequency based on management numbers when the
13 information managing portion looks up the information
14 stored in the nonvolatile storing medium.

1 Claim 8 (Previously presented) The mobile
2 communication terminal of claim 1, wherein the value of
3 the information item is time information.

1 Claim 9 (Previously presented) The mobile
2 communication terminal of claim 1, further comprising
3 only a single battery.

1 Claim 10 (Previously presented) The mobile
2 communication terminal as claimed in claim 6, wherein
3 said information managing portion associates a management
4 number with each stored value of the information item,
5 with the management number indicating an update of the
6 stored value, wherein the information managing portion
7 utilizes the management number to select the updated
8 value of the information item stored in the nonvolatile
9 storage medium.

1 Claim 11 (Currently amended) A mobile
2 communication terminal comprising:
3 a receiver for receiving a wireless communication
4 signal;
5 a transmitter for transmitting a wireless
6 communication signal;
7 an information managing portion; and
8 nonvolatile storage medium managed by the
9 information managing portion and having a plurality of
10 memory areas each for storing a value of an information
11 item, wherein said information managing portion stores
12 one value of the information item in one memory area and
13 further wherein said information managing portion
14 subsequently stores an additional value of the
15 information item in a different memory area such that the
16 one value and the additional value are both
17 simultaneously stored in the nonvolatile storage medium
18 for some time period.
19 wherein said information managing portion associates
20 a management number with each stored value of the
21 information item, with the management number indicating
22 an update of the stored value, wherein the information
23 managing portion utilizes the management number to select
24 the updated value of the information item stored in the

25 nonvolatile storage medium.

1 Claim 12 (Currently amended) A mobile communication
2 terminal comprising:

3 an information managing portion; and

4 a nonvolatile storage medium having:

5 a first memory area; and

6 a second memory area, wherein

7 said information managing portion stores a first
8 value of an information item in the first memory area,
9 and wherein

10 said information managing portion subsequently
11 stores a second value of the information item in the
12 second memory area with the second value being an updated
13 value of the information item, such that the first value
14 and the second value are both concurrently stored in the
15 nonvolatile storage medium for some period of time, and
16 further wherein

17 said information managing portion provides the
18 second value which is an updated value to the mobile
19 communications terminal when a current value of the
20 information item is requested by the mobile
21 communications terminal,

22 wherein said information managing portion associates
23 a management number with each stored value of the

24 information item, with the management number indicating
25 an update of the stored value, wherein the information
26 managing portion utilizes the management number to select
27 the updated value of the information item stored in the
28 nonvolatile storage medium.

1 Claim 13 (Previously presented) The mobile
2 communication terminal of claim 12, wherein the
3 nonvolatile memory area is one of an EEPROM and a flash
4 ROM.

1 Claim 14 (Previously presented) The mobile
2 communication terminal of claim 12, further comprising
3 only a single battery.

1 Claim 15 (Previously presented) The mobile
2 communication terminal of claim 12, wherein the
3 information item represents time information.

1 Claim 16 (Previously presented) A mobile
2 communication terminal comprising:
3 an information managing portion; and
4 a nonvolatile storage medium having a plurality of
5 memory areas, wherein
6 said information managing portion stores a value of

7 an information item in the nonvolatile storage medium at
8 regular time intervals by cycling through the plurality
9 of memory areas such that each of said plurality of
10 memory areas has a value of the information item stored
11 therein, with each of the values being temporally shifted
12 when compared to each other, and further wherein, when a
13 request for a current value of the information item is
14 received,

15 said information managing portion determines which
16 of the values of the information item stored in
17 nonvolatile memory was most recently stored and retrieves
18 that value.

1 Claim 17 (Currently amended) A mobile communication
2 terminal comprising:

3 an information managing portion; and
4 a nonvolatile storage medium having a plurality of
5 memory areas, wherein

6 said information managing portion stores a plurality
7 of values of an information item by performing the steps
8 of:

9 storing a first value of the information item in a
10 first memory area included in the plurality of memory
11 areas at a first time;

12 storing a second value of the information item in a

13 second memory area included in the plurality of memory
14 areas at a second time later than the first time; and
15 optionally storing additional values of the
16 information item, each stored in an additional memory
17 area included in the plurality of memory areas at other
18 times after the second time by cycling though a sequence
19 of the plurality of memory areas;
20 and further wherein said information managing
21 portion responds to a request for a current value of the
22 information item by retrieving the value of the
23 information item that was most recently stored in the
24 nonvolatile storage medium.

1 Claim 18 (Previously presented) A mobile
2 communication terminal comprising:
3 a volatile storage medium;
4 an information managing portion; and
5 a nonvolatile storage medium having a plurality of
6 memory areas, wherein
7 said information managing portion cycles through a
8 sequence of said plurality of memory areas for each for
9 concurrently storing a plurality of values of an
10 information item, such that said information managing
11 portion retrieves the most recently stored value of the
12 information item when the mobile communications terminal

13 requests a value of the information item.

1 Claim 19 (Currently amended) A method for extending
2 the lifetime of a nonvolatile memory of a communication
3 device, the method comprising the steps of:

4 providing a wireless communication function for a
5 user of the communication device and the nonvolatile
6 memory with a plurality of memory areas ;

7 storing a first value of an information item in a
8 first memory area of the nonvolatile memory;

9 storing a second value of the information item in a
10 different memory area of the nonvolatile memory, with the
11 second value being an updated value of the information
12 item;

13 storing additional values of the information item,
14 each stored in an additional memory area included in the
15 plurality of memory areas of the nonvolatile memory, by
16 cycling through a sequence of the plurality of memory
17 areas;

18 ~~retrieving the second value of the information item~~
19 ~~being an updated value of the information item instead of~~
20 ~~the first value of the information item~~ a current value
21 of the information item by retrieving the most recently
22 stored value of the information item,

23 wherein the first value and the second value and

24 additional values of the information item are ~~both~~
25 concurrently stored in the nonvolatile storage medium for
26 some time period.

1 Claim 20 (Previously presented) A method for
2 extending the lifetime of a nonvolatile memory of a
3 communication device, the method comprising the steps of:
4 providing a wireless communication function for a
5 user of the communication device;
6 storing a one value of the information item in a
7 first memory area of the nonvolatile memory;
8 associating a first management number with said one
9 value;
10 storing an updated value of the information item in
11 a different memory area of the nonvolatile memory;
12 associating a second management number with said
13 updated value; and
14 retrieving the updated value of the information item
15 by comparing the first management number with the second
16 management number to identify the updated value of the
17 information number,
18 wherein the one value and the updated value of the
19 information item are both concurrently stored in the
20 nonvolatile storage medium for some time period.